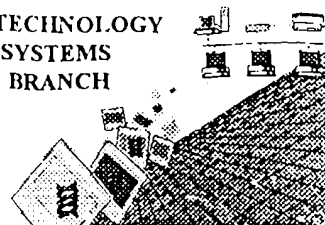# RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _10/624,149_
Source: _IFWO_
Date Processed by STIC: _11/19/03_

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221
Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
   http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>** , **EFS Submission User Manual** - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (**EFFECTIVE 12/01/03**):
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03

RAW SEQUENCE LISTING   DATE: 11/19/2003
PATENT APPLICATION: **US/10/624,149**   TIME: 16:44:36

Input Set : **A:\1-1372 Seq list.txt**
Output Set: **N:\CRF4\11192003\J624149.raw**

```
 3 <110> APPLICANT: Neubauer, Antonie
 4        Ziegler, Christina
 6 <120> TITLE OF INVENTION: gM-Negative EHV-Mutants without Heterologous Elements
 8 <130> FILE REFERENCE: 1/1372
10 <140> CURRENT APPLICATION NUMBER: US 10/624,149
11 <141> CURRENT FILING DATE: 2003-07-21
13 <150> PRIOR APPLICATION NUMBER: 60/403,282
14 <151> PRIOR FILING DATE: 2002-08-14
16 <150> PRIOR APPLICATION NUMBER: DE 10233064
17 <151> PRIOR FILING DATE: 2002-07-19
19 <150> PRIOR APPLICATION NUMBER: DE 10317008
20 <151> PRIOR FILING DATE: 2003-04-11
22 <160> NUMBER OF SEQ ID NOS: 2
24 <170> SOFTWARE: PatentIn Version 3.0
```

ERRORED SEQUENCES

```
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 150223
28 <212> TYPE: DNA
29 <213> ORGANISM: Equine herpesvirus 1
31 <300> PUBLICATION INFORMATION:
32 <301> AUTHORs: Telford,E.A.
33        Watson, M.S.
34        McBride, K.
35        Davison, A.J.
36 <302> TITLE: The DNA sequence of equine herpesvirus-1
37 <303> JOURNAL: Virology
38 <304> VOLUME: 189
39 <305> ISSUE: 1
40 <306> PAGES: 304-316
41 <307> DATE: July 1992
42 <308> DATABASE ACCESSION NO: NC 001491, NCBI
44 <300> PUBLICATION INFORMATION: 1
45 ggccaggctc tctctcgggc gcgggcccgt gaaaaaaatt tttcggcctc gcgacggcct 60
46 cgaagaaaac cgtagagggg agtggggggat gggatttttt tattaggcca cgcccactgg 120
47 gaggccacgc ccactgggag gccacgccca ctgggaggcc acgcccactg ggaggccacg 180
48 cccactggga ggccacgccc actgggaggc cacgcccact gggaggccac gcccactggg 240
49 aggccacgcc cactgggagg ccacgcccac tgggaggcca cgcccactgg gaggccacgc 300
50 ccactgggag gccacgccca ctgggaggcc acgcccactc cggtgatgca gcggttatgc 360
51 gattgtcctc tcagcgctac agtggggctc actgctatgc tgggctcac tgctatgctg 420
52 gggctcactg ctatgctggg gctcactgct atgctggggc tcactgctat gctggggctc 480
```

Handwritten annotations: W--> 41 ... JUL-1992 (— use this format for publication date of journal) ; <3097 see below ; <3097 and response is mandatory wherever ; <3082 for a response

RAW SEQUENCE LISTING   DATE: 11/19/2003
PATENT APPLICATION: **US/10/624,149**   TIME: 16:44:36

Input Set : **A:\1-1372 Seq list.txt**
Output Set: **N:\CRF4\11192003\J624149.raw**

```
 53 actgctatgc tggggctcac tgctatgctg gggctcactg ctatgctggg gctcactgct  540
 54 atgctggggc tcactgctat gctggggctc actgctatgc tggggctcac tgctatgctg  600
 55 gggctcactg ctatgctggg gctcactgct atgctggggc tcactgctat gctggggctc  660
 56 actgctatgc tggggctcac tgctatgctg gggctcactg ctatgctggg gctcactgct  720
 57 atgctgggcc ccttgtttgt tcagcgccca atacctacca accccggca agaagttttt  780
 58 gtgccccttc gcgcgttcaa cccgctccgc gacattagtt gccacgcttc tgtccatcgt  840
 59 tctgaaacac ccattgcctt gggcgttcgc acttgcattc cccggttttg ctccgcccct  900
 60 ctagggaagt aatctaactt tactcaacca acaaccctgg gctctttaca cacagtcttt  960
 61 taacaccatg gcaggcctgt tgtccgccat tcctctgggg gtaattaatg gctgccactc 1020
 62 aaatcgggta tccccactcc cctctacggt tttcttcgag gccgtcgcga ggccgaaaaa 1080
 63 ttttttcac gggcccgcgc ccgagagaga gcctggcccc catctccccc cgcagccagc 1140
 64 gtggggccca gcccactaga tttcccaact cgctgggttt cccaagcttt tttccattgg 1200
 65 gctcctccct tttggctctg ggtatttagc ttccctccca cctctcattc cactttctcc 1260
 66 acctgcacct tttccatctc ctctccaact cgccgccatg agacccgagg gagtttcgcg 1320
 67 gggccgcgcc tcctctgtct ccatctccat gtgcccaccg ccgcccaatg gggcgcgccg 1380
 68 cgcatcgctg ggctgtgcgc ccccgctgaa tagccggcct gtatgctgcg ccccgtcgag 1440
 69 cgtctctctg agctcatcat cctcgcgaag gtccatgcct tcgctaggct cgtccagaag 1500
 70 ctcgagcctg ccttctaccg gctccctgag atccatcacg cgggacccgg agcggcttcc 1560
 71 gtcgaggccc ccgtcgtaca ccgccatcaa cccagagtgt ttactggaac gcggggcaga 1620
 72 gcggccgcgg gcgtggacgg cgagcgtgat gaccgcccca ccgagttact cggaagccct 1680
 73 gtgccaggcg ccacccgcgt acgagctcgt tcctgaactt tcttatcacc ccacccagga 1740
 74 cccgcgcggc gtctactcgt cgcgctccga tccccaccag acctctcgaa ggagacagaa 1800
 75 cccgatatgt atttttatta ttgttgttgc aaccatgttg ttgatactgg gactgttgct 1860
 76 cactataacg ctcagttcgt taacaaacgg caagaaggag aaataaaacg actgtagtac 1920
 77 cgcaaaggtt aatcgcattt attttacat gcactccttt ccaaaccccc tgtacactat 1980
 78 tccgatcagc accagaatct ggagcataag cagaatgatg tttattgcgg caaacttcct 2040
 79 gcaaaaggtt ttactgtaga gccgcctttt gatgggtccc atacgaccgc tcgggtcctt 2100
 80 gtgttgatcg cagaaaccgt cgaggtaaac ttccgatggt agtgcggccg ccccgcggtg 2160
 81 atttctagta acgtcatcca gatgtagcac agctggactt tcagcgtatg catcggtaca 2220
 82 gcggccagtg gggtcatctt gtgtagtagt gggtgagtcg gtaagcacat tgcttgaggt 2280
 83 ggcggaactt atgcgggtgt actcctcgtt ctcggagtcg ctctcatacc cgtagggct 2340
 84 gacgcgggcc ggaccctgcc aggccgacgg ggggaatgcg actctgccgt accacacggt 2400
 85 ggaggggcgc gtctggcgct tcttttaaa cagctgtgac attttcttga aaaacaactg 2460
 86 ggagagcagc tgtcttctca gagactctcg tctgggacgt ggttcaacgt tgattgtggt 2520
 87 agggtttgag acgtgtatgc gcctcctcca cgctggatcc atgcttaaac actttggagc 2580
 88 gaggggcgg ggtatggggg cgtatgcctg aaactcaatc tacagcgtta tgcccggggc 2640
 89 taaaaagctg cgtcttcacg cccgaggcgc ttattcccca ctgggtacgg ggcgcgcttt 2700
 90 tatatgtgta acgtcccacc ggtgtgacgc acgtactacg gttgttctaa atagctgtcc 2760
 91 ccgtgattgc ctcggctgca cacatcgcct aggtttccgc cgtgcctggt gtcgaggcc 2820
 92 caccccgta accaacatcg atgggggcct gctgctcctc tagacgcaat cgctcgccgt 2880
 93 cgctcgccgc cctggccgaa gaaacggagg ttgtccttcg ctgcctggcc ggaagggtag 2940
 94 tagacctccc tggtggagat gaggtgcgaa tcgctccgga cgtcgggcgg cccgggcaga 3000
 95 attttggcta cttttaagttt cccggcccgt cgcgcttgc ctatgttaag tttataggca 3060
 96 gggcgtacgc gctaggaagc gggcgcaagt ttctactgta cctatccaga aactttcagg 3120
 97 tctttggata cgaggacggt accggcctac acatgctagc caagtcccta cacgattttt 3180
 98 taaagttcaa aggactatct gacagggacc tggtggtagt cgactcggtt gcgctgacct 3240
 99 cgcagctgcg accacttact cttcctatac gttcgacctc ggacgtggaa acgctagttg 3300
100 ccgaggaggc caccaccaac tacacttcta cggaaaacct actgggccag acccagagct 3360
101 ccacgcaccg tccgctgggt gtaccgcttt ccaacgtaaa aacaatgggt gtgccaccca 3420
```

```
102 cgaaaccgag tagccaaagg cccaggggca aggggggacg ccctccagcc cgcctcaagt 3480
103 ctatccgaga ggagaccgta tccggcatgg caagggcccg cgaagagtgc aactctccca 3540
104 gcgaacacga ccgcctcacg tccgagatga cagactgcga cagcgactcg tcggtatcct 3600
105 ccgtcttttt ttaaataaaa agcaaaacac catatacggt ctgaatttat cgtttatttt 3660
106 ctcgctggcg ctctttggcc gaggttattc ccctagccac gcttaaaatt ttggcctggg 3720
107 cagagttggc tgcctgccaa cactctaggg aaaagggggt tttgcagtgg cagtggaaac 3780
108 acagtccgtt gatggtggac tcctccccgt cctcgtcgca gtcgtactgg gtggcggcgc 3840
109 taaacggggc gctacacacg ctatgctcgg tggccaattc ctgcatgatt ctcgggttat 3900
110 tgaggatgca tttgaagttg gtcaggtcgg ggagcaagat ctgcttttcc gggtccctct 3960
111 tctcgaacac gccgatgaaa aaggcgtgta ggcgcgtttg cagatcgcag catgctctga 4020
112 tggtatacgt tctggtgttc aggtaagacc tgcttctggc cggctgggag gtggtctccc 4080
113 acgagctcca agtcaggtca agcggcagag gcgacacaac gttgctgatg tccaccaata 4140
114 gccccagctt gcagtcgctg ctgtaacacc cgccgtggtt cctcccgtgg gagcctatat 4200
115 cccgcggctc tgcatcagat gagtgttctg cgcggtttgc cggcagcata tttacgttta 4260
116 gtttttccacc aggctgggaa tttgctcgac tgaaggtatc aagacgcagt gtacccaacc 4320
117 cgacagccac cactctttaa actcccaagc gccgcccagt ttacatttta aaacacgaca 4380
118 aagctttgtg gaataattaa actgtattta ttgatgagta acacaaaaca agtttcctgg 4440
119 gaaacacact ccacagtttt tttaaaagat ttggttacag taaaagtatt tgccgtgcag 4500
120 gtaaaccgga acgagggtgt aggccgatac aaggctgcag gtatctgcct tgcatcgccg 4560
121 cttgtgcgcg tctatcgcct cgagggttcc cgccagacag gctccaggta cgtagtcggc 4620
122 tagaacgcgc ccgtcgggtc ccagtgcgtc cctggacaca gtttcggcgc cgctccctac 4680
123 agcccgagct atgcgcgcca acatcacgaa catgaaggtg ggaacacacg cgacgtcaga 4740
124 cagccgctgg tggtcgcaca gctctgcgag ggtagggctt cccgacgatg agaggtagca 4800
125 ccgcataaag ggctcaagtt tcaggcgcag gttgtccagc agggccaccg aagaagagat 4860
126 gatagggtct ctggtgcgca ttggtaggtt tttggtgacg atcatcttgc accaagatag 4920
127 ggtttcatcc gccgacgcga gcgcctctag gaggttttcg cctcgcatca ccgcgtcgcg 4980
128 cagagaccgc gcagcctcgg ccgcgtggga ccgcacctca aaaagcttgt acaggttaac 5040
129 accgtgctcg accagcgtgt cccacgtgat tctcctcgcc tccggattaa actggtccga 5100
130 tccgaagccg agcaccggag cccacgggga cgagttttcg gctctaaatc caccgttttt 5160
131 caccggcgta gttagagtct cgcgcgcccc gtgaaacatc tcaccgatgc gtgagctggt 5220
132 tacgcgcctg cagacatccg ctatggagct ggcggccgcc gcgttgagtc tatccccgc 5280
133 ggatcgaccg ggtgtattag agccgtggtt agcgtttccc ctgcgtcggt tgcggtgaac 5340
134 tctggccacg ctttgcgttc tcgtcttaaa ccgccacctg tcagacggtc ctgcgccgcc 5400
135 atgtccagaa tctgctgagc tcgaatcgcc tccgcgttgg cccaggcgca tgtgtaccgg 5460
136 caggctcgac cgctttggcc agctacccgc tgactggcgc gccggcacgt tttccggctc 5520
137 cggcttttcc cagccacgct gttgctgctt ccagttgttg cgcctgaagg gtcgacggcg 5580
138 gtttctgcgc ccatggccaa acgccggccg ctcgctcttg gggtttgacg gttgcgcgcg 5640
139 ctgcggggac gccgagaagc tcacaacaac actctttggt gggtcgccga caacatttct 5700
140 aagcgctgac acggtgccaa ctgtttgcgt tggtacaaag gcgctttttgt tgaccaagcc 5760
141 gcgagttgcc tctgcgcatg tatcgccccc ggtgaagttg tcttcggtgt cagaccccat 5820
142 tatactcatt tcgtcctcca tgggctcaca gctgctcacg ctagaaagtg ccattgtctt 5880
143 gatacagcag agtatgtctt ccagggctct gtgtgtttag agcagcaggt gtaccaagaa 5940
144 aaggccaaga gtgcggacct tctcggtgac aggattttta tagagactta gaagccgcgc 6000
145 ccacttgctc ttaggacgag aaggactcgc ccaataagcc aatttgaata cgctgttcgt 6060
146 agtgcagtag aatcgacaca gcgcctatca caagtagcag atagactagt ttcccacaca 6120
147 ggttagccag caccgtggag cagcaactgg tacacaggcc tttcactccg tgggtggcgg 6180
148 gagtcggggg gtttgcgctc gagccagtct ttggggggctt ttcgtagata atagccacta 6240
149 tctccactat agttacagcc accacaaacc cccacgaggc gagtttaaga taaatggggt 6300
150 atatctgaga gcaggggggtg tgaaccaagg ttacggttcc aactaccagg agtctagcca 6360
```

```
    151 caaaatgcgt tcccacctcg agtccgatga gcgccagggc ggcgctgtgc tcgcagagaa 6420
    152 atcctatggg gtcacgttta aaggtcctgc ttagagccac gcggcgcaga gacgcttcgc 6480
    153 acagcagcag agcaaacttt gtgtagtgcg tttttgagcac ggtggtagca agcgtatagg 6540
    154 tagcatagtt gaaggtgtag ccagtcggcg ataagaactc gttttggttt ctaaagggtc 6600
    155 ccagcaagcg cgcgctcttga cgcaaacaca aaaacgcaat gtagataagc cacgccccgg 6660
    156 taatcatctg cagctgcacg ctccacaggt aagccctaca gttgcgagtg ccaaccacta 6720
E--> 157 ttcgcacttt gtcgtgcagc tccttcatgt tcttcaggac gtcgagcttg gactcgttta 6780 6780
    158 cccagttctc cctgcagacg tagtcaaatc cagacaggcc gtcgctgaat cgcttcgctc 6840
    159 cattttctgg gtacgcatac actatagtgg agttgtatac ttcccacttg gcagcaatcc 6900
    160 catccttaga gtctatggaa actgtagcgt acacgcaggg gttgtgcagc tgggcggtga 6960
    161 gggtatacca gatggtaaac gcggcatagg cggtgataag gcccagtaca gataggtatg 7020
    162 ccgttctacc accgagtaac atggcgctag ctggcctatt tggctctgtc cacctctagc 7080
    163 gtaaaaatgg tgcacatctt attgttgccg cattttgtag caaagcactg ttgacttatg 7140
    164 gacgcgcaga gtctgccgtg cacgtccgca cttatggaca gaaacgtacg agccagtcca 7200
    165 cgtgccgatc gaaggtgctt ggcgcgcagg cagctgaatc cctgtgatct gtaagcgttg 7260
    166 ccggatcggt tgatttgcat taaaatccag tcaggcttgg taacgacggt gtgtaccca 7320
    167 accgtttgat attcgcccga ttggtcgggg aagtgagtgg cgaggtggga caccacctca 7380
    168 ccgagtacca cgtcgacaac aaacgcttcc accgcctcgt gagatttttat agacacgttg 7440
    169 gcgctcgaca gaagagactc tagcgtggcg cgtttagtca tgatcgcttc tctgtttcga 7500
    170 gctaccttgc gctcaaaaaa gctgacgtaa tctccaccca ggtcggtgat tacgtgagtt 7560
    171 attgtaggat ggcggggggc cgcgtgaaag tgaaaattgg ccgggttcga atgctgcgct 7620
    172 acaaactcat ctacatcgtt gcattttggg ggaatcacat aaaaaggata gagacctccg 7680
    173 taaacttcac cagagtcgcc cactttgcaa aaaaatggaa gacgcaggct gcggccgtgc 7740
    174 gagtaaacgc ccgtgtcgat aaacgaaaaa tccctcaaaa cggagcacat gctctctgta 7800
    175 aacgtgcgct ccagaacaac agcctgctgt ataattcgcg ccagaccacg cagtgcttcc 7860
    176 ggccctgcca ggaggtaagg gggtggcaca ggaaccgtta cacggaaccc catttttct 7920
    177 gtacactcgc atgcgtctgt gtcatcgagt cgctgcagcg gcgttttcc accctctta 7980
    178 tttggggtg tattatcaca tgcggcctgt gggcattcat tgtctaccat catcatctca 8040
    179 tagtcgtcca tcggcccatc agtgtattcc tccatggccg catagtcatc tataaagtct 8100
    180 gattccatgt agcactcctc caccccgtca acgtagtctg ggaaagacga gggctcgccc 8160
    181 ctatgaagcg ctctaacgag ttgaggggga cacgaggttt tgtaaaaata acacggtaa 8220
    182 gagtcccact gtacggtggc atcggaaaag attagtgata atgttgttat gatgccggct 8280
    183 ctaaaaccgc gcattgcgag gtgaagcatg cccagcggaa cccgcctctt gatgccaaag 8340
    184 tctacatcca agatgatatt actgaccgcg agcgatgagt tgaaaatttc attgcggttg 8400
    185 atgtacatct gggcagacgc gttagaggac gccagggctg tacggcatac gccgctggtc 8460
    186 gtgcgcgtta gctggaggtc gcgccatgcc agcgagcaat cgtcaatctc tccaaacccg 8520
    187 gctaaagcaa agcctccctc gtacgcttgt ttactaccac ccgggcgcgc cagattttgc 8580
    188 gttgtggttt cccagcggtc attagctatg acagcaaaag cctggcgctt ggaaggcagt 8640
    189 gccactcgat agactggagc ggggccggga actccttttt ggccaaatag cacttctagc 8700
    190 ggaagggctc taccgtttac tggtggtgat gatgcaatgt gtaatagccg ccgagatatt 8760
    191 ccacactggg acgatacacc cggggagagc tcgtcaccac gcgactgatc cagcggtggc 8820
    192 gtggaatgga cactctgggg tttgttgggt gaaactatgg tctgtatcca gccgcggcca 8880
    193 gccagcgagg attccaccct gtctagtagc ttcaaaattg gtgtagaggt gtcacagaca 8940
    194 ccaagcggag cgctcccagt agacatagtc gtggacgatg gggtgtaggt tttatcctgg 9000
    195 gcatactggc tgcctataga cgccggcaaa caaaccactc tggggttcac gttgtgggcg 9060
    196 atgtagtctc tgatattaag ctgaattctc acctgagcaa aaaatttctc aatcgttccc 9120
    197 cttttcaggg acgaagtaga tgttatgcga tcaatgtctc caggtcggc tatgctgaca 9180
    198 gcaagcaggt ggtcatatag ctgtttgcgg ttgaagctct caaagtgggc aaggtaaatg 9240
    199 taggtaataa actctcggtc agacacgcgt agtccctgtc tgtctgccgc gatgaacccc 9300
```

RAW SEQUENCE LISTING   DATE: 11/19/2003
PATENT APPLICATION: **US/10/624,149**   TIME: 16:44:36

Input Set : **A:\1-1372 Seq list.txt**
Output Set: **N:\CRF4\11192003\J624149.raw**

```
200 tcgagcgcgc ttacttcggc cacgtccgcc tgaattcgaa ggtcgacgta cctaggtagc 9360
201 gccagtgcgc acggccctct agaataccaa ctctgacagc aaaactttga caggagcgaa 9420
202 aatgatgtaa ggtgggtgag atccagccca gtggggttag gtgcggccgg aacgttatac 9480
203 gttctaataa agtcctttac tgcctgcagg tcgtaggtgc ccccggatct ggaacagcga 9540
204 atggcctgga ataggtaata tctggtggcc agcacaatct ccctctctcc ggggccaaac 9600
205 ttggaagcga accaaaacgg cgtggtgttg ttgttgcagt atagacgcct gaacgcggtc 9660
206 agcactttat tctcatggtg tatatacacg gaggtcaaac cggagcggcc ggtgctgtga 9720
207 ccgataacgg cggccttaac tgatcctcgt tggggtcat acttggcggc tgctgcggtt 9780
208 cgtccgcttc tggcggtaac attctctgta gttatcgcca gagccaggat taagtcattg 9840
209 tggagcagaa aggtggcctc ttccgttaac gcctggagca gtgtattaga cgatagcggg 9900
210 tggccgtgtg atagagtcat tgccaacgcc cgggctccgg tccacgtgga aaacacacac 9960
211 acaaacattg ggcgtacgcg gtcttgtggc tcgtcactag cacctcccac cataccgctt 10020
212 aacaaacaaa agcttactga tggtttccgc tgtaaaagcg cggtcgccaa ctgatccgcg 10080
213 tctgactgct cagtggagct ccagccgtca ccagcatctg tgtttggcgc gcggggctgt 10140
214 ctcccaaaca gatcatcgag ctctgaactc cagtcgtagc ttatagcgta cacaccctcc 10200
215 gagctctcct gtccggtcag aagcatcagc gaatacgtga taacgcagct gtcggtagca 10260
216 tagagaactc tgatagttgg ctctgggttg cgttgcgcca tgtttaagtg gctgatgtca 10320
217 agtctatgtg gaattagaaa ctccacatcc ccagaagttt atgagccaat tattggtggg 10380
218 cagaacccag ctaccatgct ccgcctacag tccgctctgg ctgccgtcaa tgcgcttctg 10440
219 cccgcgaccc ttactataga ggacgtgatc tcctctgccg acaacacccg gcgcctggtc 10500
220 aaagcgcaga ccctggctcg cacatatcag gcgtgtcagc ataacataga gtgtctatcc 10560
221 agacatcggg ctagttccga caacccgaac ctgaacgccg tggtgacaac tcacatgata 10620
222 aacgccaagc gtctctcgga cacctgcctc gcggccctca tgcacctcta tctgtctgta 10680
223 ggggctgtgg atgccaccac ggacaccatg gtcgaccacg ccattcgcat gaccgcagag 10740
224 aatagcgtgg tgatggcaga cgttgctgtg ctggagaaga ccctcggcct ggatccccag 10800
225 gcaaccgtcc gggcacaaga cttgctggcc ctcaacagtg gtgttttaaa ttctgtgaat 10860
226 gccgtagccg agatgacaga cccgacagac gacgtcgagt ttacccagag tgtacacagt 10920
227 cctctcctcc cccggcagct tagcaccacg gaagtagttg gcgtgccatc tccagtaaaa 10980
228 tcaaacctca aatctaaaca caaacccaaa cgcaaagcca gtttggttgc ggtgtaaaca 11040
229 aaaaacaata aactattcag agttttttat aaacgagtct gtttttattt tatatctacc 11100
230 taacagtcat cgtaatataa tcacgggtag ttttttataa tccggttgag ccaaaccctc 11160
231 catccgcgcg taggctagag ggtgcctctc tatcgaagtc ggtcgtaaac ttccacagta 11220
232 cggggctttg gggcgccttt gtagactcag aggggagta cgtgggaaag gggttgtcgt 11280
233 agtttacggt cggcggtatc aacgcatcgt caatatcttc cgtcagcagt agctgcgcaa 11340
234 cgcgctgacc cttagtgatg gaaacaggat acttattgac gttaagtata aagaagcagc 11400
235 aggttctccc agctacccac ctagtcggta gcactattag accccttcga ttcatagacg 11460
236 atcgcccaaa gatacacggc gtgacggcgg ggttggaatt agcgaagaca atcggcaagt 11520
237 ccacaaagtg gctctcgtcc gggtctatag tcgcgtcttc aggcgcgctg atgtcatatc 11580
238 cggcatcctc gacacgcttc ggagcaaagt aatcgtaaaa caggttagct tccgatgtac 11640
239 gcccatccct tgtagagccg atgctagtca cgtggatgct cttcctggcc agttttacca 11700
240 acacgagacc caagctcatc tgtccggggg gcacggacgt gttgatccca ggtgcgaatt 11760
241 gtaccgcttt cacgacgccg cgatatcccg agtcgactat accgtaggcg gtgtaatatt 11820
242 tggcagagtt ttcaggaaac gttacgttgc taaaattccc tggctcgggt tcaacaggca 11880
243 acaaaccgct aatttgcgtg aggacaatgg catatccgct ggagcaggca acccgtacac 11940
244 ctacgtcagt gagcacacta taaaattcgc ccgcacttcc atgctcacca ctcagctcaa 12000
245 ctgtgtggtt gttgattaac accaacaatc tcccagcagc ttctgctcgc gctctccatc 12060
246 tctcaccaca ctcaaccacc acgatgctgt ccacgagatt cgtgacgctg gccattctcg 12120
247 cctgcctttt ggtggtgctt ggtctggcca gaggggctgg tggcgaccca ggtgtgaagc 12180
248 aacgaatcga cgttgctaga gaagaggaga gacgcgactt ctggcatgca gcctgctccg 12240
```

```
<210> 2
<211> 145597
<212> DNA
<213> Equine herpesvirus 4

<300>
<301> Telford,E.A.
      Watson, M.S.
      Perry, J.
      Cullinane, A.A.
      Davison, A.J.
<302> The DNA sequence of equine herpesvirus-4
<303> J. Gen. Virol.
<304> 79
<305> 5
<306> 1197-1203
<307> 1998
<308> NC 001844, NCBI
<309> <- insert mandatory numeric identifier and response whereas <308>
<400> 2
```

for a response

```
4707 ctaccacagc tgctactacc acagctgcta ctaccacagc tgctactacc acagctgcta 128220
E--> 4708 cgccaacaga gtcaagcgag gcatcttcca cattagcggc caccacagct gacaccacag  128280  128280
     4709 ctgacaccac agctgacacc acagctgaca ccacagctga caccacagct gacaccacag 128340
```

this error appears in Sequence 2